

COMMISSION FOR HIGHER EDUCATION

Friday, August 13, 1999

DECISION ITEM A-1: Ivy Tech State College Industrial Apprenticeship Technology Programs: Key Academic Understandings

Staff Recommendation

That the Commission for Higher Education approve the document *Ivy Tech State College Industrial Apprenticeship Technology Programs: Key Academic Understandings*, dated August 3, 1999.

Background

At its June 1999 meeting, the Commission for Higher Education discussed an earlier draft of the *Key Academic Understandings*. The current document differs from the draft discussed in June in two respects.

First, the new document specifies that all Ivy Tech Industrial Apprenticeship Technology programs will be built on apprenticeships that have been approved by the U.S. Bureau of Apprenticeship and Training (BAT). This was an understanding from the earliest conversations about developing Industrial Apprenticeship Technology programs and now has been incorporated formally into the *Key Academic Understandings*.

Second, the current document includes the pledge that the Commission will act upon all new program requests for Industrial Apprenticeship Technology programs within 60 days, provided two conditions are met: (a) the proposed trade specialties are among the twelve specialties identified in the *Key Academic Understandings* and (b) the curricula for the proposed programs conform to the model curriculum that has been developed.

If approved by the Commission, the *Key Academic Understandings* will serve as a framework for considering all Ivy Tech requests for Industrial Apprenticeship Technology programs.

Supporting Document

Ivy Tech State College Industrial Apprenticeship Technology Programs: Key Academic Understandings, August 3, 1999

IVY TECH STATE COLLEGE
INDUSTRIAL APPRENTICESHIP TECHNOLOGY PROGRAMS:

KEY ACADEMIC UNDERSTANDINGS

August 3, 1999

1. Commission for Higher Education approval of Industrial Apprenticeship Technology programs will be specific to a particular Trade Specialty and specific to a particular Ivy Tech State College region (for example, Electricians for Region 5). Once the Commission has approved a Trade Specialty for a particular region, Ivy Tech can develop Industrial Apprenticeship Technology programs with any company in that region, as long as the curriculum developed for each company conforms to the model curriculum for that Trade Specialty (see below).

2. Industrial Apprenticeship Technology programs will be approved as a Technical Certificate (T.C.) and as an Associate in Applied Science (A.A.S.) in Industrial Apprenticeship Technology (Trade Specialty). The following categories are thought to cover the vast majority of Trade Specialties:
 - 2.1. Electrician
 - 2.2. Facilities Maintenance
 - 2.3. Heating, Ventilating, and Air Conditioning
 - 2.4. Machine Repair
 - 2.5. Mechanic – Gas and Electric Vehicles
 - 2.6. Millwright
 - 2.7. Mold/Die Maker
 - 2.8. Pattern Repairer
 - 2.9. Pipefitter-Plumber
 - 2.10. Sheet Metal Worker
 - 2.11. Stationary Power Plant Operator
 - 2.12. Tool Maker

3. Ivy Tech will develop a model curriculum for each Trade Specialty. The model curriculum for A.A.S. degrees, which will total 60-66 semester hours, will follow the following outline:
 - 3.1. General Education Core (18-24 semester credit hours), consisting of:
 - English Composition (3 credits)
 - Speech or Interpersonal Communications (3 credits)
 - Mathematics (3-9 credits), including Intermediate Algebra or Functional Mathematics (3 credits)
 - Life/Physical Science Elective(s) (3-6 credits)
 - Humanities/Social Science Elective (3 credits)

- 3.2. Specialty Core (21 credits)
 - 3.3. Directed Specialty Coursework (9 credits)
 - 3.4. On-the-Job Training (12 credits)
4. The model curriculum for T.C. degrees, which will total 38 semester hours, will follow the following outline:
 - 4.1. General Education Core (6 semester credit hours), consisting of:
 - Speech or Interpersonal Communications (3 credits)
 - Intermediate Algebra or Functional Mathematics (3 credits)
 - 4.2. Specialty Core (21 credits)
 - 4.3. Directed Specialty Coursework (9 credits)
 - 4.4. On-the-Job Training (2 credits)
5. A common General Education Core will apply to all Industrial Apprenticeship Technology programs across all Trade Specialties. The Core Courses within the Trade Specialty will apply to all companies, for which Industrial Apprenticeship Technology programs have been developed for that Trade Specialty.
 6. All but two courses from the Trade Specialty must be drawn from the Ivy Tech State College regular course inventory, that is, they must be able to count toward fulfilling degree requirements in other Ivy Tech programs.
 7. All Industrial Apprenticeship Technology programs proposed by Ivy Tech State College must be approved by the U.S. Bureau of Apprenticeship and Training (B.A.T.).
 8. The Commission for Higher Education will act upon all Ivy Tech State College Industrial Apprenticeship Technology program proposals within 60 days of receiving the proposal if:
 - 8.1. The Trade Specialty is one of the twelve specialties identified above; and
 - 8.2. The curriculum for the proposed Trade Specialty conforms to the model curriculum for Industrial Apprenticeship Technology programs identified above.